

Basic use cases

For user login:

Allow login

Allow sign up if it is a new user

For to-do list:

Can create a task in the to-do list

1. User clicks on the "+" button to add task
2. It is optional to click on the tag button to add tags
3. It is optional to add a deadline
4. User presses enter or click elsewhere on the page
5. Task is added

Can update the task in the to-do list

1. User double-clicks a task and edit
2. It is optional to click on the tag button to add tags
3. It is optional to add a deadline
4. User presses enter or click elsewhere on the page
5. Task is updated

Can delete the task in the to-do list

1. User first hovers over a task
2. User clicks the "-" button
3. User deletes the task

Can mark the task as done

1. User clicks the checkbox on the right side of that task
2. User mark that task as done, the task changes from todo 1 to ~~todo 1~~.

Add tag to the task, each task can have multiple tags, and each tag can have multiple tasks

If the task has a deadline, can add a deadline (optional, as not all of the tasks has a deadline)

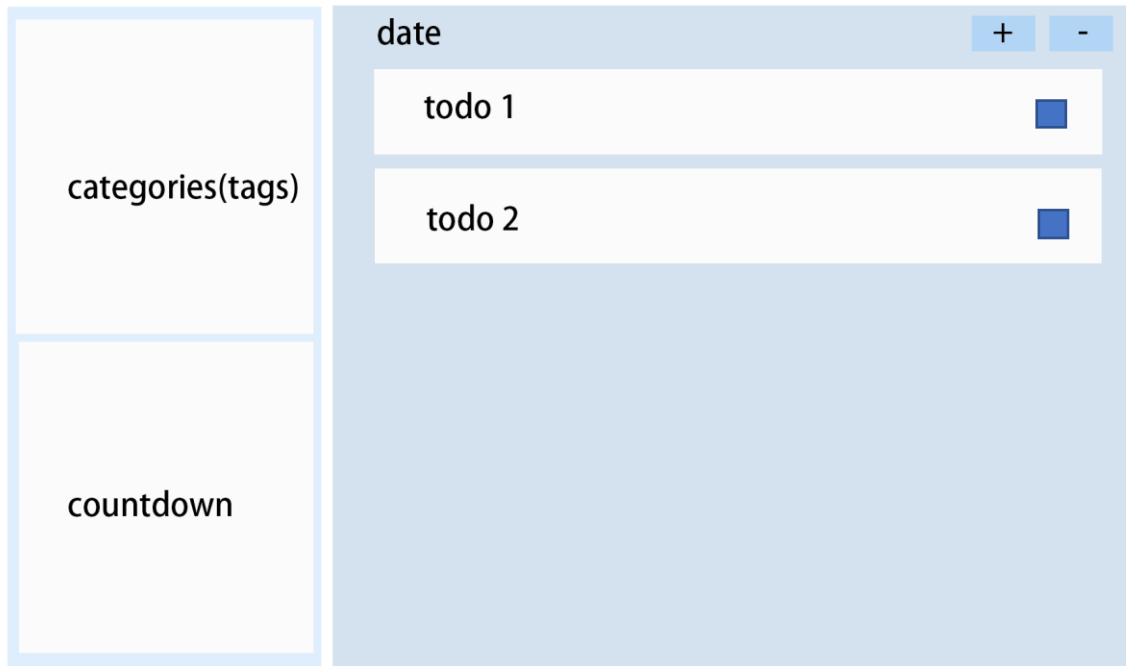
Give countdown for the top 3 urgent tasks

How my website should look like:

There should be a category at the side, and a box at another side with all the to-do tasks of that category

Below the category, there should be a place to show the deadline countdown

User can click on "+" button to create, double click to modify, and "-" to delete all the tasks



Challenges:

1. Time
When I heard from my friends about CVWO, it is already late December, therefore the time left for me to learn all the stuff and complete the project is not that enough for me.
2. Login function and database management
As I am a new learner of database, I am not sure how to manage the database when there are multiple users. I may learn and try along the way.